

FIGURE 1 (PRIOR ART)

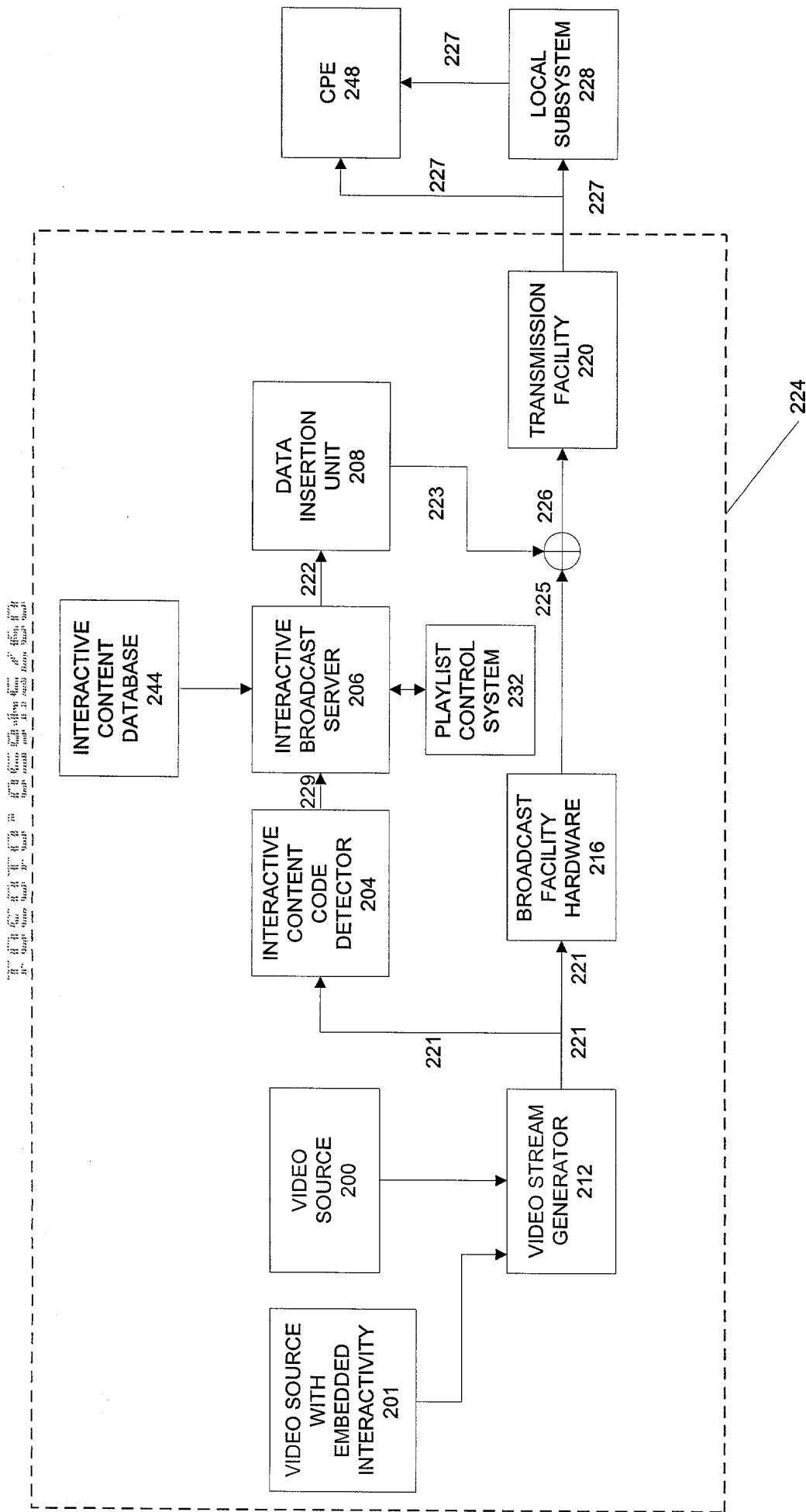


FIGURE 2

FIG. 3 is a block diagram of an interactive content identifier system. The system includes an interactive content identifier (300) that is used to identify interactive content (301) and to provide timing information (306) to an interactive application (308).

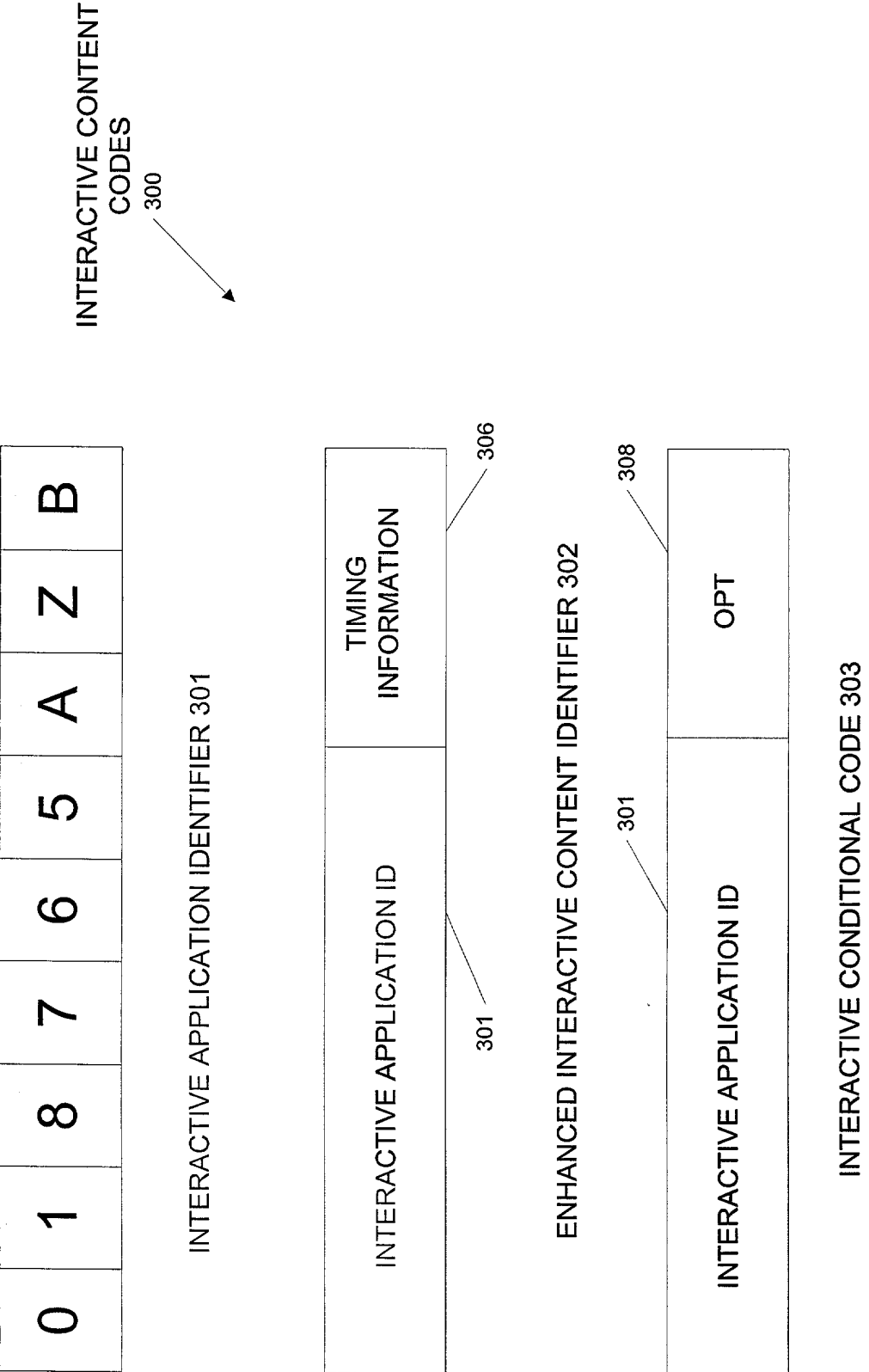


FIGURE 3

FIG. 4 is a block diagram of a system for processing video content with embedded captions. The system includes a video source (200) that provides video data to a video stream generator (212). The video stream generator (212) outputs a video stream (221) to a broadcast facility hardware (216). The broadcast facility hardware (216) outputs the video stream (221) to a transmission facility (120). The transmission facility (120) outputs the video stream (221) to a local subsystem (428). The local subsystem (428) outputs the video stream (221) to a CPE (248). The system also includes an interactive content detector (204) that receives the video stream (221) from the broadcast facility hardware (216) and outputs a signal (222) to an interactive broadcast server (206). The interactive broadcast server (206) outputs a signal (222) to a data insertion unit (208). The data insertion unit (208) outputs a signal (222) to the transmission facility (120). The system also includes an interactive content database (244) and a video source database (246) that provide data to the interactive broadcast server (206). The system also includes a closed caption encoder (408) that receives video data from the video source (200) and outputs a signal to the video stream generator (212). The system also includes a format conversion equipment (404) that receives video data from the video source (200) and outputs a signal to the video stream generator (212). The system also includes an embedded video (400) that receives video data from the video source (200) and outputs a signal to the video stream generator (212).

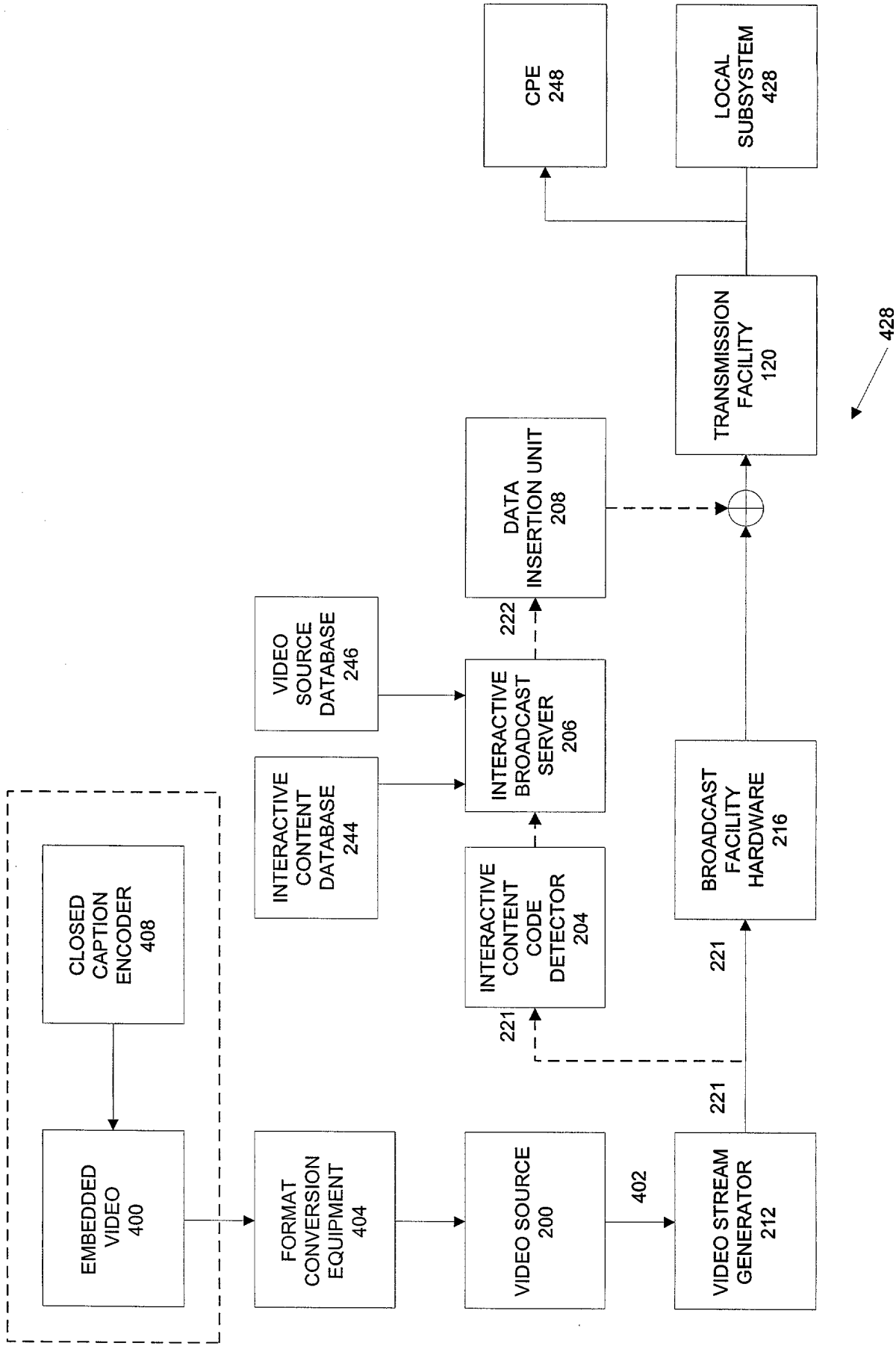


FIGURE 4

THESE ARE THE FIRST TWO COLUMNS OF THE DATA SET

CC1	CC2	TEXT 1	TEXT 2
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FIELD 1

CC3	CC4	TEXT 3	TEXT 4	XDS
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FIELD 2

CLOSED CAPTION LINE

FIGURE 5

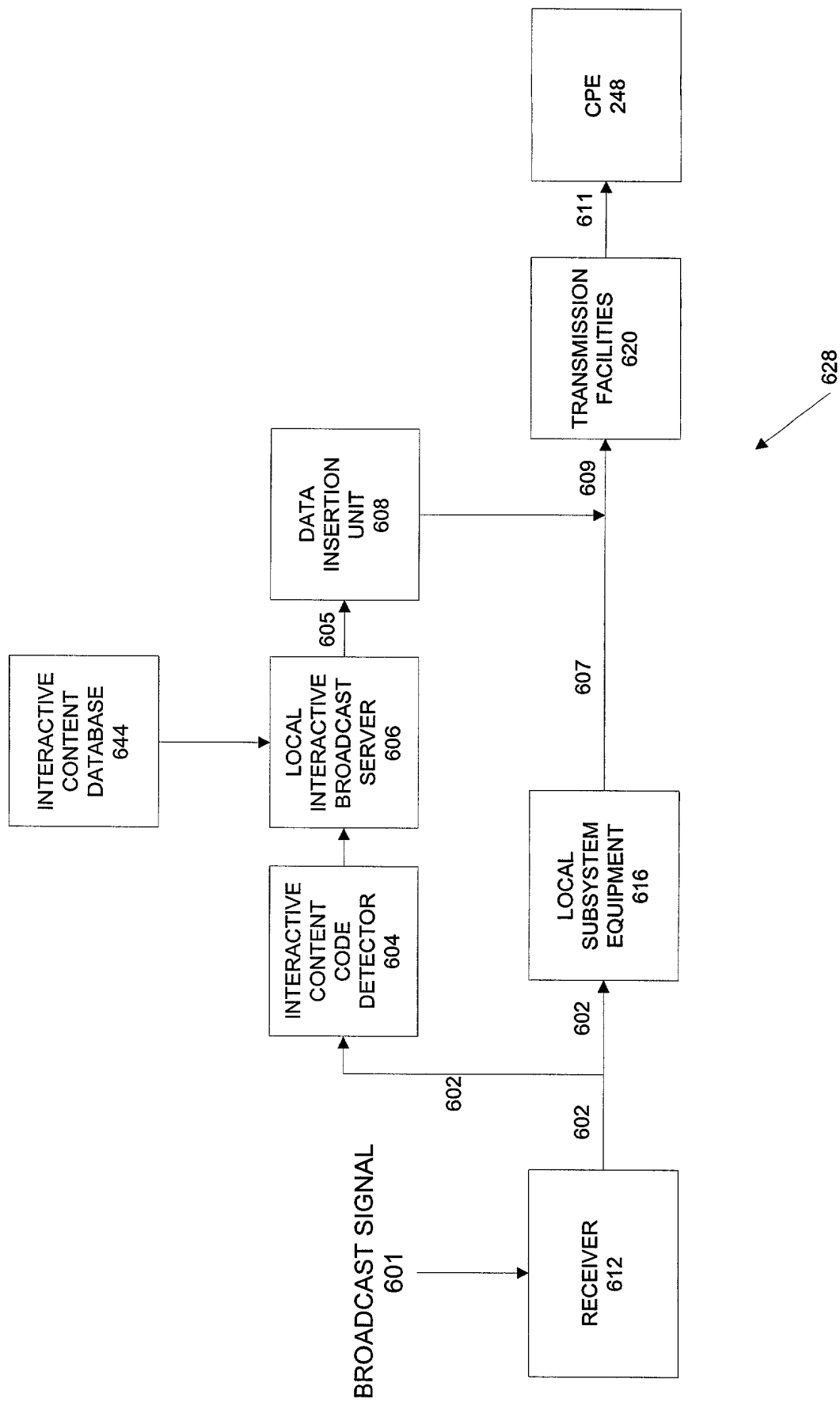


FIGURE 6

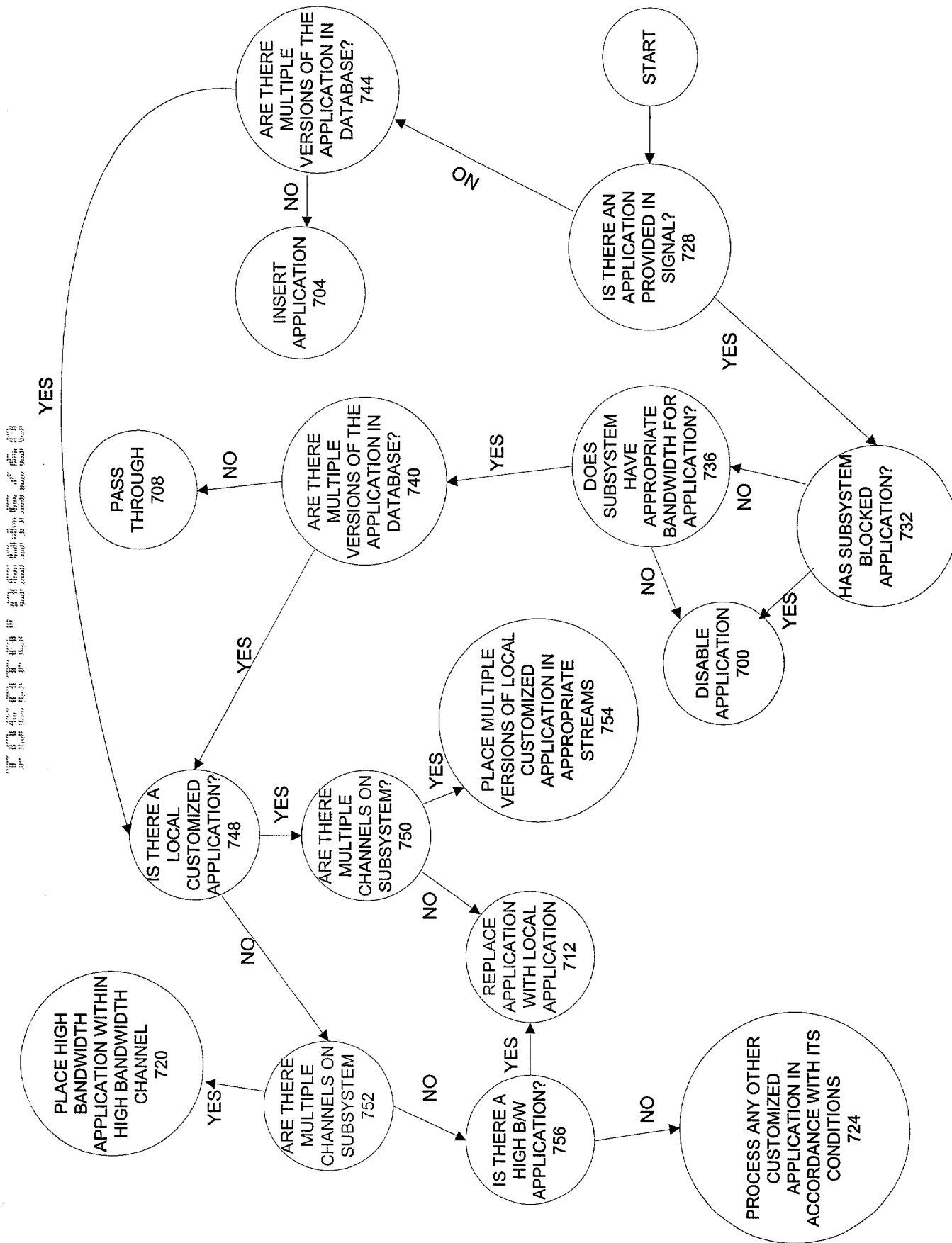


FIGURE 7

644, 646

LOCAL SUBSYSTEM DATA		
BLOCKED APPLICATIONS: ID173 ID199 ID84		
BANDWIDTH: 100MG or 100Mb		
MULTIPLE STREAMS: YES		
	COUNT FIELD	ID
ID222	2	ID0222A / LOCAL
ID211	1	
ID174	2	ID174A / DIGITAL

Figure 8

FIGURE 8